

# QRJ2-18000-31

## Channel 2, DC~18GHz, 31.9mm

<b>Features:</b> * Low VSWR * Low VSWR Flatness * Low Insertion Loss Flatness	<b>Applications:</b> * High Speed Digital Signal Transmission * Analog Signal Transmission
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### Electrical

Frequency (Channel 1, 2):	DC~18GHz
VSWR (Channel 1):	1.6 max.
VSWR Flatness:	0.05 max.
VSWR (Channel 2):	3 max.
VSWR Flatness:	0.6 max.
Insertion Loss (Channel 1):	0.9dB max.
Insertion Loss Flatness:	0.1dB max.
Insertion Loss (Channel 2):	2.7dB max.
Insertion Loss Flatness:	0.5dB max.
Phase Flatness (Channel 1):	1.5° max.
Phase Flatness (Channel 2):	12° max.
Average Power (Channel 1):	50W max. @6GHz 10W max. @18GHz
Average Power (Channel 2):	30W max. @6GHz 5W max. @18GHz
Peak Power (Channel 1):	2000W max.
Peak Power (Channel 2):	1000W max.
Isolation:	60dB min.
Impedance:	50Ω

### Mechanical

Connectors:	SMA female
Rotating Speed:	100RPM max.
Starting Torque:	0.05Nm max.
Rotating Torque:	0.05Nm max.
Operation Life:	10M cycles min.
IP Grade:	IP51

### Environmental

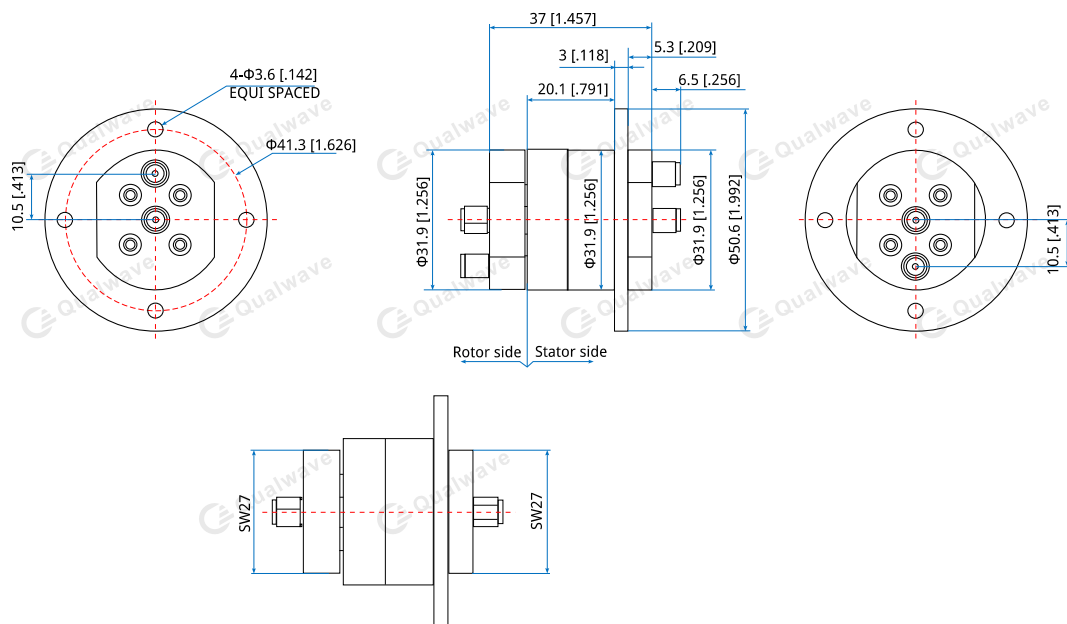
Operating Temperature:	-40~+70°C
Non-operating Temperature:	-55~+85°C
Operating Humidity:	95%
Non-operating Humidity:	95%

### How To Order

**QRJ2-18000-31**

Customization is available upon request.

### Outline Drawings



Unit: mm [in]

Tolerance: ±0.5mm [±0.02in]